

Notice of Allowability

Application No.

10/605,778

Examiner

Mark T. Le

Applicant(s)

RODNUNSKY, JIM

Art Unit

3617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 5/12/06.
2. ☒ The allowed claim(s) is/are 1, 13, 14 and 17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input checked="" type="checkbox"/> Other <u>Examiner's Pro. Drwg.</u> |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Mayo on June 6, 2006.

In the claim:

Claim 1, line 8, "and," has been deleted; and between lines 8 and 9, the followings have been inserted: -- said YZ movement rope being a single rope that has two ends attached to the Z movement device; and --.

Claim 14, between lines 7 and 8, the followings have been inserted: -- providing said YZ movement rope as a single rope that has two ends attached to the Z movement device; --.

Claim 17, at the end of line 7, the semicolon has been deleted, the followings have been inserted thereat: -- , and said YZ movement rope being a single rope that has two ends attached to the Z movement device; --; line 8, "; and," has been changed to --, --; line 9, "means for controlling said YZ movement rope in a Y axis and a Z axis with" has been deleted; last line, the period have been replaced by -- ; and --; and after the last line, the followings have been inserted: -- wherein, all of said means for coupling, said sheaves, said YZ movement rope, said Z movement device, said Z

movement motor, said Y movement motor, and said computer form parts of said system
--.

3. In the specification:

After paragraph [0022], the following new paragraph has been inserted:

-- [0022a] Figure 7 is a schematic of a control system. --.

In last line of paragraph [0028], "computer control system" has been changed to
-- computer control system 1 --.

In the drawings:

New formal drawing Figure 7, as shown in the attached Examiner's Proposed
New Drawings, is now required..

4. As discussed with Mr. Mayo on June 6, 2006, the examiner indicated that the
instant claims would require the above amendments to independent claims 1, 14 and 17
so as to better define the instant claimed invention over the prior art of record. In
response, Mr. Mayo accepted the examiner proposed amendments to the claims.

5. Regarding the above amendments to the specification and the addition of the
new drawing, they are necessary to show the instant claimed computer associated with
other structures of the instant claimed invention, as required under 37 CFR 1.83(a).

6. Any inquiry concerning this communication or earlier communications from the
examiner should be directed to Mark T. Le whose telephone number is 571-272-6682.
The examiner can normally be reached on Mon-Fri (2:00-8:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's
supervisor, Samuel Morano can be reached on 571-272-6684. The fax phone number
for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3617

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Mark T. Le
Primary Examiner
Art Unit 3617

mle
6/7/06

Examiner's Proposed New Drawing

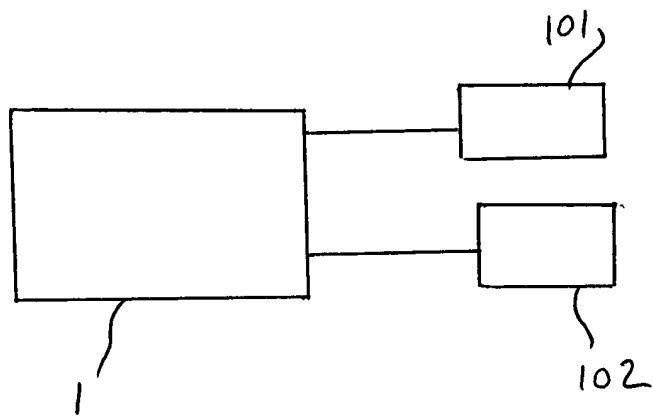


Fig. 7